

IN THE CLAIMS

Please cancel claims 16-40. Attached is a listing of the current claims.

1. (original) An apparatus comprising:  
a substrate comprising a semiconductor material;  
a dielectric layer over the substrate; and  
a magnetic layer over the dielectric layer, the magnetic layer comprising an amorphous alloy comprising cobalt.
2. (original) The apparatus of claim 1, wherein the amorphous alloy comprises cobalt and zirconium.
3. (original) The apparatus of claim 2, wherein the amorphous alloy comprises approximately 3 atomic percent to approximately 10 atomic percent zirconium.
4. (original) The apparatus of claim 1, wherein the amorphous alloy comprises cobalt, zirconium, and tantalum.
5. (original) The apparatus of claim 4, wherein the amorphous alloy comprises approximately 3 atomic percent to approximately 10 atomic percent zirconium and up to and including approximately 10 atomic percent tantalum.
6. (original) The apparatus of claim 5, wherein the amorphous alloy comprises approximately 4 atomic percent zirconium and approximately 4.5 atomic percent tantalum.
7. (original) The apparatus of claim 1, wherein the amorphous alloy comprises cobalt, zirconium, and niobium.
8. (original) The apparatus of claim 1, wherein the amorphous alloy comprises cobalt, zirconium, and a rare earth element.
9. (original) The apparatus of claim 8, wherein the amorphous alloy comprises cobalt; zirconium; and rhenium, neodymium, praseodymium, or dysprosium.

10. (original) The apparatus of claim 8, wherein the amorphous alloy comprises approximately 3 atomic percent to approximately 10 atomic percent zirconium and up to and including approximately 3 atomic percent rhenium.
11. (original) The apparatus of claim 1, wherein the magnetic layer comprises an underlying adhesion layer.
12. (original) The apparatus of claim 11, wherein the underlying adhesion layer comprises titanium.
13. (original) The apparatus of claim 1, wherein the magnetic layer comprises an overlying adhesion layer.
14. (original) The apparatus of claim 13, wherein the overlying adhesion layer comprises titanium or cobalt oxide.
15. (original) The apparatus of claim 1, wherein the magnetic layer is patterned.